

- 67 -

ABSTRACT OF THE DISCLOSURE

A reference voltage generation circuit includes at least one reference cell having a source electrode and a drain electrode; a plurality of first sense circuits
5 connected to the reference cell and including an N-channel transistor, a P-channel transistor, a plurality of input ends and a plurality of output ends; and a plurality of second sense circuits each for receiving an output from
10 a corresponding one of the plurality of first sense circuits, the plurality of second sense circuits each having a load circuit, an N-channel transistor, a plurality of input ends and a plurality of output ends.